

distance from Pasadena ; *Lithophragma heterophyllum* in a shady canyon near Pasadena ; *Arabis arcuata* on Mt. Wilson. Mr. George B. Grant reports the following : *Polygonum ramosissimum*, *Tissa rubra*, *Reseda lutea*, *Sphaeralcea Fendleri Californica* Parish, *Lupinus Stiversi* and *L. formosus*, *Corethrogyne filaginifolia*, *Avena barbata*, *Salix sessilifolia Hindsiana*, *Monardella macrantha*, *Lavatera assurgentiflora*, *Lepidium latipes*, and *Euphorbia maculata*. These have all been verified by Parish and others.

It is easy to find fault, but too much praise cannot be given to the painstaking, conscientious care that is evident on every page of the book. Those who use it will scarcely have any idea of the great amount of work that falls to every pioneer in a new field.

ALICE EASTWOOD.

PROSPECTUS OF THE WORK OF THE TORREY BOTANICAL CLUB DURING 1905

The interest of the members and friends of the Club is earnestly solicited in its proposed work for the coming year. During the past decade the Club's scientific work and standing have advanced greatly, placing it among the foremost scientific societies in the world. In the meantime its local work, and the local interest in it and in its proceedings, have not benefited proportionately. In such a society, located in such a community as ours, the number of persons interested as amateurs should be many times greater than that of those professionally interested in botany. The charter and constitution of the Club clearly set forth that one of its principal objects is to extend an interest in botanical subjects, which extension is only possible by leading those not interested to become so. It is hardly to be expected that this interest will be engendered by the presentation alone of the results of abstruse researches in subjects which have as yet developed no popular features. On the other hand, research work almost invariably requires material assistance from without, which can in no other way be so well supplied as by the coöperation of an associated membership. In return for such coöperation, the society should provide matter of instruction and interest of a different character

or grade from that which specially interests its more advanced students. If the Torrey Botanical Club had forced upon it the alternative of relapsing into its old days of dilettanteism, it would probably be justified in preferring a state of dignified semi-starvation; but no such alternative is presented. It is quite practicable for us to enjoy the beauty, grace, and sociability, which characterized the Club's life a dozen years ago, while making this very gain contributory to its higher scientific life. It is toward this object that the various working committees of the Club will direct their efforts during the coming year, and for which they ask the necessary coöperation of the members.

The new home of the Club at the American Museum of Natural History is convenient, commodious and beautifully furnished and equipped, and it is hoped that the members will meet there in large numbers and will discuss with animation the very many and varied botanical interests which the city now affords. Among the interesting features of our afternoon and evening meetings during the coming year will be the following: The results of the critical studies of local plants made during the last decade will be discussed and illustrated. On May 9, there will be a "Violet Evening," when all obtainable forms of violets will be exhibited and discussed, as to identity and habits, and the results of cultivation of native violets at the Botanical Garden will be presented. In October, an evening will be similarly devoted to the study of asters and golden-rods. On both occasions special collections will be made in the different characteristic localities of our local area. Mr. Nash will devote an evening to the exhibition of the principal types of cultivated orchids, and Dr. Britton will similarly discuss Cactaceae at an afternoon meeting to be held in the cactus house of the Garden. An evening meeting will be devoted to a consideration of the trap-rock flora of Essex County N. J. Dr. Small will give an illustrated paper on the mountain flora of the southeastern United States.

The work of the Field Committee will also be conducted in such a way as to provide instruction of a more systematic character than heretofore, and will at the same time be made more interesting. Work upon the local flora will be organized by the

committees having it in charge, and will be largely carried out in connection with the excursions. One of the April excursions will be conducted by Professor Lloyd, with the particular object of illustrating the seasonal adaptations of the earliest spring flowers. A sea-side excursion will be devoted to an illustration of the local types of marine algae, by Dr. Howe. Dr. Merrill will devote an afternoon at Scarsdale, New York, to illustrating the habits of different classes of fungi. In June there will be a "Lupine Excursion" to Pompton, where a large hill entirely covered by this plant will be visited, and where other floral features of great interest and beauty will be enjoyed. On May 6, Professor Underwood will entertain us at Redding, Conn. Dr. Hollick will devote a day to palæobotanical collecting at Glen Cove, and will explain the appearance of the region and its geographical and botanical relations at the time that the plants were living.

Not only are the members requested to participate more freely in the indoor and field-meetings, but they are specially urged to increase the Club's membership. There are hundreds of persons in and about New York who should be members, by virtue of their interest in wild plants or in other botanical subjects, but to whom the Club is unknown. If our members would, at the expense of a very little trouble, seek out such persons and make our objects and proceedings known to them, many would be induced to become members, to their and our mutual advantage. We have met people who had been deterred from seeking membership through a mistaken idea as to the qualifications required or expected, and who promptly presented their applications upon learning that an interest in plants sufficient to make our meetings, excursions, or literature attractive to them constitutes a sufficient qualification to make them welcome as members.

HENRY H. RUSBY,
President.